

**METHODS, COMPUTER SYSTEMS, AND COMPUTER READABLE MEDIA
FOR GENERATING DISPLAYS OF NETWORKING ADDRESSES**

ABSTRACT

5 Methods, computer systems, and computer readable media generate displays of networking addresses. The display may provide a map containing individually selectable grid spaces representing networking addresses of a set. The networking addresses of the set have at least one attribute and the value of the attribute is indicated in the display.

10 The value of the attribute may be indicated by a color for the networking addresses of the set having the attribute. Furthermore, the networking addresses of a block may be represented by rectangles defining the blocks within the display. Additionally, the display may provide utilization of the networking addresses through pie charts where the size of each pie piece represents the relative number of networking addresses with that particular indicated attribute value. The display may provide additional features as well,

15 such as the ability to zoom in and out and select areas within the displayed map. Furthermore, the hierarchy of the networking address space may be represented in a tree structure that can be expanded and collapsed to show relationships between the various networks and to allow for selection of a network to map within the map display.